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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/687,699	10/12/2000	Shing Mark Lin	ADAPP171	7677

7590 12/21/2005  
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EXAMINER

HUYNH, KIM T

ART UNIT PAPER NUMBER

2112

DATE MAILED: 12/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 09/687,699	Applicant(s) LIN ET AL.	
	Examiner Kim T. Huynh	Art Unit 2112	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 November 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,3-6,8,10-14 and 16-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 8 and 10-13 is/are allowed.
- 6) ☒ Claim(s) 1,4-6,14,16,18 and 19 is/are rejected.
- 7) ☒ Claim(s) 3, 17 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 October 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### ***Receipt Acknowledgement***

1. Receipt is acknowledged of the request filed on 14<sup>th</sup> of November 2005 for a request for continued examination (RCE) under 37 CFR 1.114 based on the application No. 09/687,699 which the request is acceptable and an RCE has been established. Currently, claims 1,3-6,8,10-14 and 16-19 are pending in this application.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1, 4-6, 14, 16, 18-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Dimitroff et al. (US Patent 6,209,023)

As per claims 1, 14, Dimitroff discloses a method for providing device type information using a fibre channel network, comprising the operation of:

- obtaining device type information for a device coupled to a fibre channel based network; (col.9, lines 11-57 ie devices connected in FC-SCSI bridge)
- constructing an address database(fig.4, 400 ie table) having a device entry for the device, by defining the device entry by a device address and

the device type information, the device address associating a fibre channel address with a SCSI-based address, the SCSI-based address including a port target identifier(port target ID) and a logical unit identifier(LUN ID); (col.7, lines 1-62)

- receiving a request for the device type information from a SCSI-based network application, wherein the request includes the SCSI-based address; and (col.7, lines 1-18)
- returning the device type information and the fibre channel address associated with the SCSI-based address to the requesting application. (col.7, lines 1-62)

As per claims 4,18, Dimitroff discloses wherein the request is in the form of SCSI-based command, the SCSI-based command is one of a protocol auto configuration(PAC) command or a probe command. (col.13, lines 4-30)

As per claims 5, 16, Dimitroff discloses wherein the fibre channel address is in the form of a fibre channel arbitrated loop physical address (AL\_PA). (col.8, lines 41-64)

As per claim 6, Dimitroff discloses wherein the device is a fibre channel network device. (col.8, lines 41-64 ie fibre channel network N)

As per claim 19, Dimitroff discloses a computer program further comprising a code segment that utilizes the SCSI-based address to lookup the device type information and the fibre channel address associated with the SCSI-based address. (col.8, line 41-col.9, line 59)

***Allowable Subject Matter***

4. Claims 3 and 17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicant's claimed invention is deemed allowable over the prior art of record as the prior art fails to teach or suggest wherein the address database facilitates translation of an operating system independent command received by a fibre channel wrapper module into a fibre channel command usable by a fibre channel layer module that is in communication with a fibre channel controller, the operating system independent command being a common hardware interface module (CHIM) command.

5. Claims 8, 10-13 are allowable

The following is an examiner's statement of reasons for allowance:

Applicant's claimed invention is deemed allowable over the prior art of record as the prior art fails to teach or suggest wherein the address database facilitates translation of an operating system independent command received by a fibre channel wrapper module into a fibre channel command usable by a fibre channel layer module that is in communication with a fibre channel controller, the operating system independent command being a common hardware interface module (CHIM) command in combination with other limitations as recited in independent claims and further in view of the specification and applicant's arguments.

***Response to Amendment***

6. Applicant's amendment filed on 11/14/05 have been fully considered but are moot in view of the new ground(s) of rejection.

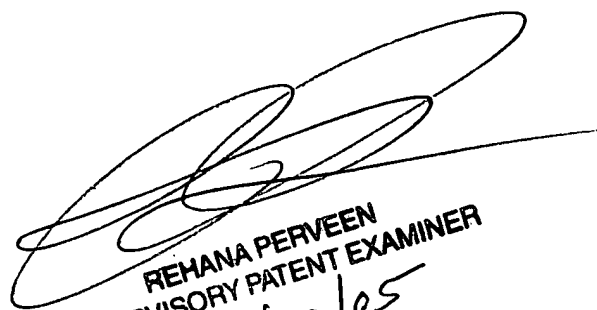
***Conclusion***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kim Huynh whose telephone number is (571)272-3635 or via e-mail addressed to [kim.huynh3@uspto.gov]. The examiner can normally be reached on M-F 9.00AM- 6:00PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rehana Perveen can be reached at (571)272-3676 or via e-mail addressed to [rehana.perveen@uspto.gov].

The fax phone numbers for the organization where this application or proceeding is assigned are (571)273-8300 for regular communications and After Final communications. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571)272-2100.

Kim Huynh

Dec. 19, 2005

  
REHANA PERVEEN  
SUPERVISORY PATENT EXAMINER  
12/19/05